Met Office Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 21 Feb 2022 until 23:59 on Tuesday 22 Feb 2022

Forecast Issued on Monday 21 Feb 2022 at 04:55

Confidence: High confidence for very strong winds on Monday and generally an unsettled week with periods of very strong winds and wintry showers.

Headline for Monday 21 Feb 2022: Severe gales slowly easing and becoming drier later with some sunshine.

Mountain weather hazards on Monday 21 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
60%	30%	10%	10%	10%	20%

Forecast for Monday 21 Feb 2022

Weather: Outbreaks of rain soon clear this morning to sunny spells and a few showers but it remains very windy with a severe wind chill and very tricky walking conditions. Conditions will slowly improve in the afternoon with some brightness and sunny spells and winds slowly easing. Turning milder later as winds back southwesterly and cloud increases as the next frontal rain approaches from the west. Rain affecting western fells by late evening.

Chance of cloud-free hill tops above 800m: At daybreak 20% but cloud lifting and breaking, 90% by early afternoon.

Low cloud and visibility: Around dawn overcast low cloud layers are expected from 300m and above. These will soon lift and clear after daybreak becoming patches around 700m in the morning, general visibility will be moderate or poor in any wintry showers but quickly improve, becoming good or very good by mid-morning. Mostly clear summits in the afternoon, with just a few patches and excellent overall visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 21 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	74/88 W	49/60 NW	36/48 NW	33/44 NW	21/28 NW	16/20 W	23/29 SW
600	57/75 W	34/46 NW	27/39 NW	27/39 NW	18/29 NW	13/19 W	19/26 SW
300	23/66 NW	14/42 NW	13/35 NW	14/34 NW	8/23 NW	4/15 W	8/22 SW
Valley	18/58 W	13/38 NW	13/32 NW	13/30 NW	8/22 NW	5/14 W	8/19 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-10	-0/-10	1/-7	1/-6	-0/-7	-0/-6	0/-7
600	3/-6	2/-6	4/-3	4/-2	2/-4	2/-3	2/-4
300	5/-0	4/0	6/3	6/3	4/1	4/2	4/1
Valley	7/3	7/3	8/6	9/6	6/4	6/5	6/4
Freezing Level*	1000m	900m	1000m	900m	800m	800m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Any snow likely to melt at lower levels which will make conditions very slippery underfoot and watercourses are likely to swell.

Forecast for Tuesday 22 Feb 2022

Weather: Light and patchy rain expected overnight and in the early morning. Remaining quite cloudy during the morning with areas of low cloud. A period of heavier rain is expected for a time in the morning, this will clear south by lunchtime with some brighter conditions in the afternoon. However some blustery showers are possible driven on the strong northwesterly winds. Showers likely to be wintry above 600m.

Maximum wind: Southwesterly 25mph with gusts 35-40 mph, veering westerly 30-35mph with gusts 45mph later.

Chance of cloud-free hill tops above 800m: 30% at first on Tuesday with broken low cloud around the fells associated with milder air and rain. Improving to 80% with patches of lower cloud tied in with any passing showers in the afternoon.

Low cloud and visibility: Broken cloud above 500m at first on Tuesday and visibility moderate at best, perhaps poor in heavier rain in the morning. Visibility will become very good in the afternoon but perhaps dipping moderate or poor in any passing showers but this will be short lived. Cloud bases mainly above the summits in the afternoon.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius
At 800m: Plus 3 Celsius falling to Minus 1 Celsius.
Freezing level: Above summits falling to 700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 20 February 2022. Location: Sheffield Pike summit at 10:19. Full report: A very wet and windy day with a Met Office yellow warning in place for rain until 18:00 today and wind until 13:00 tomorrow. Much of the snow that was present yesterday has melted and any remaining snow was rapidly thawing through the morning. Rivers are in spate and minor flooding is a possibility. The freezing level was above summit level this morning, however, it is forecast to drop as low as 400m this afternoon, and any precipitation falling at this point will fall as snow. However, at the time of writing, the majority of the Lakeland fells are once again snow-free, with any remaining snow generally found on steep north and east-facing slopes above 800m. Striding and Swirral Edge are likely to be mostly bare rock at the moment, however, steep banks of snow will be present on the exit slopes and flanks of both routes.

With the freezing level dropping again, more snow and ice may be present tomorrow than described here. Additionally, any remaining snow is likely to freeze and become hard and icy. It is recommended that anyone planning steep/exposed routes in the area tomorrow carry an ice axe and crampons/microspikes in anticipation of this. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential items for anyone venturing out into the fells. As previously mentioned, high winds are in the forecast tomorrow so goggles are also recommended for navigating in poor conditions.

Issued at: 02:55 on Mon 21 Feb 2022

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast

© Crown Copyright 2022. All Rights Reserved.